

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

213.1079-003

SERIAL NO.

09/758,993

APPLICANT(S)

GREENWALD, Richard B., et al.

FILING DATE

January 12, 2001

GROUP

1646-1654

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JRL	5,569,720	10/29/96	Mongelli et al.	525	329.4	
JRL	5,965,119	10/12/99	Greenwald et al	424	78.37	
JRL	5,382,657	1-17-1995	Karasiewicz et al	530	351	
JRL	5,614,549	3-25-1997	Greenwald et al	514	449	
JRL	5,840,900	11-24-1998	Greenwald et al	546	48	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JRL	WO 01/09139 A1	02/08/01	PCT	—	—		
JRL	WO 96/22277	07/25/96	PCT	—	—		
JRL	WO 98/13059	04/02/98	PCT	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JRL		Maeda, H., et al., "Tumor vascular permeability and the EPR effect in macromolecular therapeutics: a review" J. Contr. Release 65 (2000) pages 271-284
JRL		Zier et al. Polyethylene Glycol Bound Benzyl And Fluorenyl Derivatives... Tetrahedron Letters, Vol. 35, No. 7, pages 1039-1042 (1994).

EXAMINER

Jeffrey E. Russel

DATE CONSIDERED

December 9, 2002

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APR 23 2001

Docket Number (ptions)

213.107

Application Number 09/758,993

09/103,557

Applicant(s)

GRENWALD, R.B. et al.

Filing Date

October 30, 1998

Group Art Unit

1621-1654

*EXAMINER

INITIAL

PATENT & TRADEMARK OFFICE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A

Record of Invention "2- and 4- Hydroxybenzyl Alcohol-Containing Linkers", Zalipsky, November 18, 1991.

B.

Declaration under 37 C.F.R. 1.132 of Richard B. Greenwald including Exhibits 1 and 2, September 8, 1999.

C

Declaration under 37 C.F.R. 1.132 of Jeffrey McGuire, September 8, 1999.

EXAMINER

Jeffrey E. Russel

DATE CONSIDERED

October 20, 1999

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Jeffrey E. Russel

PO08/REV04

December 9, 2002

SHEET 1

OF 1

INFORMATION DISCLOSURE CITATIONS
IN AN APPLICATION

(Use several sheets if necessary)

APR 23 2001

213.107

08/992,436 09/758,993

Applicant(s)

GREENWALD, Richard B. and PENDRI, Annapurna

Filing Date

December 17, 1997

Group Art Unit

1654

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JR	AA	5,672,584	Sep 30 1997	Borchardt et al.	514	11	
JR	AB	5,643,575	Jul 1 1997	Martinez et al.	424	194.1	
JR	AC	5,605,976	Feb 25 1997	Martinez et al.	525	408	
JR	AD	5,561,119	Oct 1 1996	Jacquesy et al.	514	34	
JR	AE	5,349,001	Sep 20 1994	Greenwald et al.	525	408	
JR	AF	5,321,095	Jun 14 1994	Greenwald	525	404	
JR	AG	5,122,614	Jun 16 1992	Zalipsky	548	520	
JR	AH	5,093,531	Mar 3 1992	Sano et al.	568	337	
JR	AI	4,179,337	Dec 18 1979	Davis et al.	435	181	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR	AQ	Shearwater Polymers, Inc., Catalog - Polyethylene Glycol Derivatives, 1997-1998; p. 8.						
JR	AR	Leenders, R.G.G. et al., Highly Diastereoselective Synthesis of Anomeric B-O-Glycopyranosyl Carbamates from Isocyanates, Synthesis November 1996; pp 1309-1312.						

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INFORMATION DISCLOSURE CITATION

IN AN APPLICATION

(Use several sheets if necessary)

Applicant(s)

GREENWALD, Richard B. and PENDRI, Annapurna

Filing Date

December 17, 1997

Group Art Unit

1651

Unknown

EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BA

Leenders, R.G.G. et al, B-Glucuronyl Carbamate Based Pro-moieties Designed for Prodrugs in ADEPT, 1995;

Tetrahedron Letters Vol. 36, No. 10 pp. 1701-1704.

BB

Waldmann, H. et al, Synthesis of the Palmitoylated and Farnesylated C-Terminal Lipohexapeptide of the Human

N-Ras Protein by Employing ..., Angew. Chem Int. Ed. 1995, 34 No.20 ; pp. 2259-2262

Jungheim, L.N. et al., Design of Antitumor Prodrugs: Substrates for Antibody Targeted Enzymes, Chem. Rev. 1994;

94 pp. 1553-1566.

BD

Bundgaard, H. The Double Prodrug Concept and its Applications, Advanced Drug Delivery Reviews, 3

1989 pp. 39-65.

BE

Wakselman, M. et al., An Alkali-labile Substituted Benzyloxycarbonyl Amino-protecting Group,

JCS Chem. Comm1973; pp. 593-594.

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213.1079-СР

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~~INFORMATION DISCLOSURE~~ STATION

(Use several sheets if notes

Applicant(s)

GREENWALD, Richard B., et al.

Filing Date

October 30, 1998

Group Art Unit

~~1621~~ 1654

APR 23 2004


U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ1	Carl, P.L., et al. <u>A Novel Connector Linkage Applicable in Prodrug Design</u> , Journal of Medicinal Chemistry, Vol. 24, No. 5 (May 1981).

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IN AN APPLICATION

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213.1079

08/992-13509/758,9 73

Applicant(s)

GREENWALD, R. et al.

Filing Date

December 17, 1997

Group Art Unit

1614-1654

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JER	AA1	Shan, D., et al., Prodrug Strategies Based on Intramolecular Cyclization Reactions,
		Journal of Pharmaceutical Sciences, July 1997, Vol. 86, No. 7, pp765-767

EXAMINER	Jeffrey E. Russel	DATE CONSIDERED	December 9, 2002
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